

# hf Happenings

No 497

March 2012

South African Radio League 1925 – 2011 Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union Region 1  
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## *N1MM Contest Logging Programme*

The SARL Council has decided to adopt officially N1MM as the contest logging programme of choice. N1MM is one of the most popular logging programmes in the world. The authors of N1MM are very active in improving the features of the program, and it is advisable to check for new updates before a contest. On the website, there is a link to the N1MM forum where questions and suggestions can be made.

Les Elliott, G4OGB, has created all the templates for the SARL contests for ease of use. At the end of the contest, it takes just a few keystrokes to create the .adif or Cabrillo file. This file needs to be sent to the contest manager. If N1MM is used then it is not necessary to fill in the available Excel spreadsheets, and your contest log could be sent shortly after the end of the contest without the hassle of filling in the spreadsheets.

The spreadsheets will still be available for those who do not want to use N1MM.

The N1MM website can be accessed at <http://www.n1mm.com>. Under the files section of the website you will find the programme. One needs to download and install the "Full Version" first. Once that is done you then need to download and install the latest update.

Under Documents, on the website, one can download a very comprehensive manual or one can view the manual on line.

The templates for the SARL contest will be available on the SARL web site as a zipped file, which must be downloaded and then unzipped. In the zip file is a file called SARL.txt. These are the instructions on how to install the templates (udc files) for the various contests.

## *SARL 80 metre Club Contest, Phone*

The second contest in the series will be run on Wednesday 28 March starting at 17:30 UTC and ending at 18:30 UTC with phone activity between 3 603 and 3 650 kHz and between 3 700 and 3 775 kHz. Single operator or multi-operator stations can participate. The exchange is a RS report and a consecutive serial number starting at 001. One point is earned per contact and log entries must be submitted by midnight on Wednesday 4 April to [zs4bfn@netactive.co.za](mailto:zs4bfn@netactive.co.za).

*Have YOU done anything to promote Amateur Radio this month?*





In April, the following local contests will be run - Thursday 5 April (17:00 - 20:00 UTC) the SARL 80 m QSO Party; Saturday 7 April (12:00 to 18:00 UTC) the Autumn RaDAR Contest and on Saturday 14 April (12:00 to 15:00 UTC) the Autumn QRP Sprint.

### *Your Licence Fee is Due Now*

ICASA has started mailing license renewal notices. The license fee of R120.00 is due on 1 April 2012. You may also renew for five years at a reduced fee of R501.00. If you do not receive a renewal notice, the SARL recommends that you pay by using the license number on last year's invoice and your call sign. Also, mail the payment notification plus your address to [KMashile@icasa.org.za](mailto:KMashile@icasa.org.za). It is essential that in all payments to ICASA that you include your call sign as a payment reference. Also, remember to send any postal and e-mail address changes to [admin@sarl.org.za](mailto:admin@sarl.org.za)

### *Western Cape Antique Wireless Association Expo*

The Western Cape section of the Antique Wireless Association of South Africa will be holding an Expo which will be open each day for the whole of the Easter long weekend, 6 to 9 April at the farm QTH of John, ZS1D, and Judy Martin, ZS1JEG near Stanford. GPS coordinates for the farm are S34 25,458 and E19 24,922. There will be call in on 145,500 and on the Hermanus repeater on 14,725 MHz.

A large display of radios of yesteryear and associated equipment will be on show and a classic radio station will be in operation. The focal point will be from 16:00 CAT on Saturday which will commence with presentations by AWA President Richard, ZS6TF, and other members on some of the equipment and their restoration projects. An interactive discussion forum will follow for anyone to contribute or for those who need questions answered or need assistance. There will be a bring and braai in the evening and for those who wish to camp over on the Saturday night, just bring your camping kit as there are camping facilities on the farm.

Please contact organizer and AWA committee member John, ZS1WJ, on 082 673 5337 for more information and to let him know if you are attending. Visitors are encouraged to bring

#### *March 2012*

22 to 24 – Green Kalahari Canoe Marathon, Augrabies  
23 – World Meteorological Day;  
Coastal schools close  
23 to 25 – Cape Getaway Show,  
Lourensford Wine Estate  
24 and 25 – CQ WW WPX SSB Contest  
28 – SARL 80 metre Club Contest, SSB  
30 – Inland schools close  
31 Mar to 7 Apr – Klein Karoo National  
Arts Festival, Oudtshoorn

#### *April 2012*

5 – SARL 80 m QSO Party  
5 to 9 – Splashy Fen Music Festival,  
Underberg; Sedgfield Slow Festival  
6 – Good Friday  
6 to 9 – Western Cape AWA Expo,  
Stanford; Two Oceans Marathon, Cape  
Town  
6 to 15 – The Rand Show, Johannes-  
burg  
7 – Autumn RaDAR Contest  
9 – Family Day  
10 – Schools open  
14 – Autumn QRP Sprint  
18 – World Amateur Radio Day  
20 and 21 – Holyland Contest  
20 to 22 – SARL National Convention,  
Pinetown  
26 to 30 – Harley Davidson Africa Bike  
Week, Margate  
27 – Freedom Day; closing date May  
RAE  
27 and 28 – Graskop Blue Swallow fes-  
tival, Graskop  
27 to 29 – Dirtopia Mountain Bike Fes-  
tival, Tarentaalkraal  
27 to 30 – SA Cheese Festival, Stellen-  
bosch  
28 and 29 – John Dory's Orange River  
Canoe Marathon, Hopetown  
29 – Summerveld Hike, Summerveld,  
KZN  
30 – School holiday





an antique radio to exhibit, maybe a restoration project, homebrew, or "as found" to add to the interest of the Expo.

### *Marion Island 2014*

Pierre, ZS1HF/ZS8M, informed OPDX that he is in the planning stages to lead a DXpedition to Marion Island, hopefully in April 2014. He states [edited], "This all depends on permission granted for a DXpedition team by the Department of Environmental Affairs (Antarctic Islands). South Africa is receiving its new polar supply ship, the 'SA Agulhas II (number 2)', on 3 May this year. The old/original 'SA Agulhas' will be doing her last trip to Marion Island in April this year, and then she will be transferred to another state department."

At this stage, Pierre will only consider contacting the Director General (DG) of the Department early next year once the new ship has completed her maiden voyage to Gough Island (ZD9) in September and has returned from their Antarctica base in December. This will give all the hype and excitement of the new ship some time to sink in and subside. A team of between 4 and 10 operators is a possibility, but this depends on how many beds will be available for them on the ship. The hunt for operators is now on its way. The operators must be able to have six weeks of free time, in which four weeks will be spent on the island.

Pierre also mentions, "Permission to erect Yagi's, vertical or dipoles will have to be negotiated. HF antennas on Marion Island have a history of injuring and killing many birds in the past, so there is an automatic tendency to be against amateur radio and HF antennas." Pierre states that he has many challenges to consider in the coming year to plan for this DXpedition. He is looking for any comments and support as well as names of potential DXers who would be interested in joining his operation. Look for more details to be forthcoming.

### *BBC highlights problems with PLT*

In a response to the EU Radio Spectrum Policy Group (RSPG) the BBC point out the radio interference problems caused by PLC systems which are also known as PLT or BPL.

The BBC say "these systems can not only cause problems for broadcast radio services but to broadcast television and to all other radio communication services operating in the bands where interference might be generated. Additionally PLC also poses a threat to conventional broadband telecommunication services."

The BBC's specific concerns are:

- LF mains signalling systems are proposing to use PLC technology and extend the present band above 150 kHz to 540 kHz. In Europe, this will impact LW and some MW broadcasting services.

- Present PLC systems are using all the HF bands, and have to notch out certain frequencies to reduce interference to services such as amateur radio. There are technical difficulties regarding the notch depth, but despite this, there are proposals for a higher power levels to enable reduce operational costs. The widespread use of PLC for SmartGrid may prevent the rollout of the planned DRM services. Permanent notching of the Broadcast bands is not considered practical, and there is some opposition to using an active dynamic notching technology.

- There are serious concerns that PLC will adversely affect Band II services. It is noted that the FCC have limited PLC3 to below 80 MHz in order to protect Band II services. Many Band II receivers have inadequate out of band response performance to protect against PLC in nearby bands. Similarly, Aeronautical services in the VHF band need protection. There is nothing that receivers (broadcasting, aeronautical, etc) can do to reject in-band interference from PLC and little that can be done to existing receivers to reject adjacent channel PLC.







- There have been some reports of PLC interfering with DAB (in Band III) services; however products operating in the VHF spectrum are at present limited - possibly by the desire for them to be marketable in the USA.

Read the full BBC response (PLT is in Annex 1) at  
[http://rspg.groups.eu.int/documents/consultations/comments\\_wp2012/pc\\_wp2012\\_bbc.pdf](http://rspg.groups.eu.int/documents/consultations/comments_wp2012/pc_wp2012_bbc.pdf)  
European Commission - Radio Spectrum Policy Group (RSPG) <http://rspg.groups.eu.int/>

### *Holyland Contest 2012*

Shalom OM's & YL's, We have the honour to invite you for the 21<sup>st</sup> time in a row, to participate in the annual Holyland Contest.

Each year, more radio amateurs from all continents and countries world wide, participate in this extraordinary contest. Each one hopes to add some new squares to his existing collection in order to obtain the most exquisite Award. Therefore, it is with the greatest pleasure that, we announce the Holyland Contest 2012, and invite all Radio Amateurs and Short Wave Listeners to participate.

Please your attention to the Contest starting time: This year's contest will start on Friday 20 and end on Saturday 21 April 2012 from 21.00 UTC until 21.00 UTC.

Special Trophies and New certificates will be issued to participating Radio Amateurs and SWLs for different classes and modes of operation. We are happy to announce that last year digital modes were a huge success as well, and will continue with this mode in the present contest.

As usual, we invite the entire Amateur Radio Community to be on the bands, knowing full well, that propagation at times is not in our favour; nevertheless, we will demonstrate and exercise the spirit of friendship between all Radio Amateurs. Thanking you for your cooperation, see you in the "pile-ups." Good luck in the contest!

Best 73's and Shalom, Mark Stern, 4Z4KX/4Z0X, Contest Manager IARC, and Moshe Inger, 4Z1PF, President IARC

### *Trans-Atlantic Amateur Radio on 7, 10 and 144 MHz*

The Project Blue Horizon 6 high-altitude transatlantic balloon flight is scheduled for Friday 23 March at 23:00 EST or 03:00 Saturday UTC from Owego, NY transmitting on 7,1023 and 10,1466 MHz CW and 144,390 MHz FM APRS.

The Project Blue Horizon team is attempting to break current Amateur Radio high-altitude balloon record for duration and duration (57 hours 2 minutes). The team currently estimate a 7 081 km (4 400 mile) flight spanning 100 hours. For detailed flight path information, please see <http://www.projectbluehorizon.com/>.

The payload will be carried beneath a 1 529,11 cubic metre (54 000 cubic foot) capacity helium-filled balloon cruising between 25 908 and 30 480 m (85 000 and 100 000 ft).

During the flight, amateurs worldwide are encouraged to monitor the N2XE CW telemetry beacons at 7,1023 and 10,1466 MHz. The balloon is also equipped with an APRS beacon at 144,39 MHz using the call sign KD2AUD.

Amateurs can send reports via e-mail to [pbh18.data@gmail.com](mailto:pbh18.data@gmail.com) or manually enter received data points at <http://www.projectbluehorizon.com/>

More information about the program is at the Project Blue Horizon website. Launch and flight updates will also be available on Twitter @PBHVI

NOTE: If you or anyone else knows a amateur operator in the Azores who can communicate with the payload please send the contact information to [pbh18.data@gmail.com](mailto:pbh18.data@gmail.com) Blue Horizon will require communications with the payload as it approaches the Azores.

*Have YOU done anything to promote Amateur Radio this month?*





Project Blue Horizon <http://www.projectbluehorizon.com/>

### *Complete collection of QRPP Journal is online*

The QRPP Journal covered low power construction projects, and all editions from June 1993 until the final issue in 2004 are now available for download free of charge.

Doug, KI6DS, writes, "I am pleased to announce that the complete collection of QRPP is now available online at [http://www.k7go.net/NorCal\\_QRPP.html](http://www.k7go.net/NorCal_QRPP.html). It will be at this site for approximately 3 weeks until we are sure the bugs are out, and then it will move to its permanent home at the NorCal QRP Club website. Access is free, and always will be. That is in the spirit of the NorCal QRP Club that Jim Cates and I founded in 1993.

We do ask that none of the material be reposted anywhere in any form, and we especially ask that CD's of the material not be made or distributed in any manner, except for 1 copy for your own archival purposes. In other words, we want the only site that it is available to be the NorCal site. We thank you in advance for your cooperation.

I would like to thank Chuck Adams for his work in scanning, Dean Davis for his work in moving it to the NorCal site in a few weeks, and to all of the contributors over the years, including many from this list. Enjoy the issues."

Download the QRPP Journals from [http://www.k7go.net/NorCal\\_QRPP.html](http://www.k7go.net/NorCal_QRPP.html)

NorCal QRP Club <http://www.norcalgrp.org/>

### *Iron Ham Contest*

Drawing inspiration from the Ironman Triathlon races, the Araucaria DX Group introduces the WW Iron Ham Contest, a competition that combines the main operating modes - Phone, CW and RTTY - into one single contest to be held on 29 - 30 December (from 12:00 UTC on Saturday to 11:59 UTC on Sunday). The 24-hour contest is organised to have 8 hours of operation on each mode in periods no shorter than one hour. Complete details can be found at [www.araucariadx.com/ih/](http://www.araucariadx.com/ih/)

### *DXCC News*

Bill Moore, NC1L, ARRL Awards Branch Manager, reports that the following operations are approved for DXCC credit:

XW1A - Laos, current operations

XW0ZJZ - Laos, current operations

### *ARRL Announces New DXCC Fee Structure*

Effective Monday 2 April, the way DXCC fees are assessed will change. These changes will include both rate increases and rate decreases. There are several reasons for the fee change:

- Promoting more frequent applications
- Removing the "hybrid application" problem
- Simplifying the price structure for DXCC
- Raising the rates slightly to help offset ARRL's increased costs
- Improving customer service

Here are "some" of the interesting changes to take place:

- There are no limits on the number of applications that can be submitted. There will be no more surcharges added to the second or subsequent applications.

Have **YOU** done anything to promote *Amateur Radio* this month?





- A DXCC application submitted using LoTW will have an application fee of 5 USDs for ARRL members and 10 USDs for non-members. There are no limits on the number of QSOs that can be included as part of a LoTW application. Each QSO used in LoTW for an award will cost 12 cents, down from a minimum of 15 cents in 2011. They will no longer sell LoTW "credits" in bulk. If you have credits stored, you will still be able to use them.

- The free DXCC Yearbook that was sent to ARRL members will now be made available electronically, and it will appear in an edition of Digital QST. For those who want a League-printed Yearbook, it will still be available at a modest cost.

To read the complete press release and details of all the changes, go to <http://www.arrl.org/news/view/arrl-announces-new-dxcc-fee-structure>

### *DXCC Online (Web Tool!)*

Over the past several years, the DXCC has been working on a system where applicants would enter QSO data from their QSLs into a digital DXCC application. With DXCC staff's data entry time reduced, they could charge less than a traditional application, process more applications in the same time, and provide better customer service. Well word has come out that their programmers are near completion and are currently beta testing the system, which will be called "Online DXCC."

The following is a brief description of this system and the Card Checker's role: "For the most part, the DXCC Card Checker's job hasn't changed much. After the applicant has typed-in the QSO data from the QSLs (or loaded-in an ADIF file that comes from a logging program), he/she will print the application and either bring it to a DXCC Card Checker or mail it and the cards to HQ, like normal. They will still heavily rely on a DXCC Card Checker's expertise and knowledge to inspect the QSL cards and ensure that the data that has been entered and printed by the applicant is correct.

The DXCC Card Checker will still need to carefully mark changes on the printout. When all is done, the DXCC Card Checker will sign-off on the application and mail it to HQ, as before."

What is different is that the applicant will not have to organize cards by band and mode, but instead can simply enter the data from each card in any order they are found. The applicant must leave the cards in the same order in which they are entered, as it obviously that makes it easy for the DXCC Card Checker to work through the cards and compare against the record sheet. If a QSL has two or more QSOs listed, and the applicant needs them all, he/she no longer must put these cards at the back of the application.

Also new is that there is an option for the applicant to pay for the application with a credit card inside "Online DXCC." Unfortunately, there is no easy way to have the applicant pay electronically for the DXCC Card Checker's mailing expense, so they will still have to collect cash for mailing in the same manner as they do now. The "Online DXCC" forms themselves are representations of the paper forms to which everyone is currently accustomed too. The "Online DXCC" is expected to possibly be available in less than a month. Be looking for more details to be forthcoming.

### *QSL Manager of the Year*

The Golist QSL Manager Data Service is reviving its "QSL Manager of the Year Award." The purpose of this award is to recognize the service of QSL Managers worldwide for the service they provide to the World-Wide DX Community. The Golist will accept nominations for the year of 2012 for this award from DX and Contest clubs worldwide. Ending date: 1 August 2012.

Each DX club and Contest club is encouraged to poll their members for their nominations for the "Top 5 QSL Managers for 2012." The definition of a QSL Manager for this award is any person who confirms contacts via printed QSL Card for any station other than their Primary Call





sign. Each club should tabulate the votes of their members and submit to the Golist the Top 5 vote getters as voted by members of their club. Votes should be tabulated and sent to the Golist by 1 August 2012, to be eligible for the QSL Manager of the Year award. Each club worldwide may only send one submission for voting purposes. The Golist will maintain records of submission.

A plaque, donated by DX Publishing, Inc., publisher of "QRZ-DX and THE DX MAGAZINE," will be awarded to the selected "QSL Manager of the Year" at the W4DXCC Convention held in Pigeon Forge, Tennessee in September 2012.

The recognized format for your club's submission is as follows: Club Name; Club Officer (Name, Call Sign, club office and E-mail address); Top 5 QSL Manager Nominees (list name and call sign). In the subject line of your official E-mail put "QSL Manager of the Year-2012" and send it to [golist@gmail.com](mailto:golist@gmail.com)

### *Pirates*

The call signs YI1IRQ, YI1HRP, YI1HR, YI1WR, YI1SR, YI1SA and YI1BGD are abused by pirates. See also QRZ.com.



### *Use your iPad and iPod Touch with your SCS Pactor Modem*

By using the app Get Console on your iPad /iPod Touch you can now operate Pactor and other modes, with the Redpark Cable and RJ adapter using the RS232 interface on any SCS PTC-IIEx or PTC-IIPro Modem. Any older TNC with RS232 can also be used, but not in Host mode.

The Get Console app also has scripting commands available to automate some functions; it is downloadable from the Apple Apps Shop for a small cost. For more information see URL <http://www.vk4jrc.org.au/html/projects.html> and [www.get-console.com](http://www.get-console.com)

### *African DX*

Democratic Republic Of Congo, 9Q. Barney, ZS6TQ is active as 9Q6/ZS4U until 8 April. Activity is generally between 13:00 to 15:00 UTC on 40 to 6 meters using CW, SSB and PSK31. QSL via K3IRV. In addition, Sergiy, UV5EVJ is active as 9Q0HQ/7 from Lubumbashi until 22 May. Activity is on the HF bands using CW and SSB. QSL to home call.

Botswana, A2. Frosty, K5LBU, Keith, VE7MID, Don, VE7DS, and Joel, N5JR, will be active as A25CF, A25KW, A25DS and A25JR, respectively, from the Lotsane Safari Lodge from 18 to 27 March. Activity will be on the HF bands with three stations. They will be active as A25HQ in the upcoming CQ WPX SSB contest. QSL to home calls.

Mauritania, 5T. Jean, ON8RA/5T0JL, at the age of 84, will once again be active from Nouakchott starting possible 21 March. Activity will be on 80, 40, 20, 15 and 12 metres and mainly on CW. QSL via ON8RA (see QRZ.com for new QSLing practices).

Namibia, V5. A group of German operators will be active as V55V from V52W's QTH in Omaruru during the CQ WW WPX SSB Contest (24 and 25 March) as a Multi-? entry. QSL via DJ8VC. Operators currently mentioned are Winfried, DK9IP, Suad, DK6XZ, Tobias, DH1TW, Uwe, DL9NDS, Dietmar, DL3DXX and Mathew, DJ2HD. Look for operators to be active before and after the contest (as early as 16 March and until the 27th) as V5/homecall. Activity will proba-







bly be on all bands 160-10 meters using CW, SSB and RTTY, but with a focus on 160, 80, 40 m, and RTTY. QSL via their home call sign (see QRZ.com).

The Gambia, C5. Jan, OZ1IIL, is now active as C56LH until 26 March. Activity this past week has been mainly on 20, 17 and 10 metres SSB, but can operate on 80 - 10 metres using a G5RV and an IC-746. QSL via OZ1IIL.

Kenya, 5Z. Charles, NV7E, announced to take part in the SOAB HP category of the upcoming WPX SSB Contest as 5Z4EE. QSL via NV7E.

Ceuta and Melilla, ED9. Operators Jorge, EA7HZ, Al, EA7JR, Manolo, EA7LL, Chris, EA7RU, Pedro, EA7IZJ, Jorge, EA9LZ and possibly others will be active as ED9Z during the CQ WW WPX SSB Contest (24 and 25 March) as a Multi-? entry. The group will be using Spiderbeam antennas. QSL via EA9LZ.

### *African Islands*

Canary Islands, EA8, AF-004. Luis, EA8AY, will be active as EE8X (AF-004, DIE S-012, WLOTA 1276, EAA TF) in the SOAB category of the upcoming WPX SSB Contest. QSL via W2GR.

Mayotte, FH, AF-027. Hartwig, FH/DL7BC, will show up from Mayotte (AF-027) between 21 Mar and 6 Apr. He will sign TO7BC in the WPX SSB Contest. QSL via home call, see QRZ.com. <http://www.qslnet.de/member/dl7bc>

Reunion, FR, AF-01. Stephane, FR/F5UOW, will be active mainly on CW on 40 - 10 m from Reunion (AF-016, DIFO FR-001, WFF FFF-011, WLOTA 1812) between 24 Mar and 14 Apr. He will use the special call TO2R from 26 Mar until 9 Apr. QSLs via F5UOW.

### *Special Event Stations*

Slovenia, S55. Members of the Radio Club Cerkno (S50E) will activate the special event call signs S555E and S55CERKNO throughout 2012. Activity is to celebrate the 55<sup>th</sup> anniversary of the Club's foundation. A special full coloured four page folded QSL card will be confirmed automatically by the Bureau sometime in early 2013. The logs for S555E and S55CERKNO will also be uploaded to the ARRL's LoTW on a regular basis. Online logs will be available on the Club's Web site at: <http://www.s50e.si>. For those who want to send card direct, please send SASE with 2 USDs to cover return postage to Radioclub Cerkno, PO Box 16, 5282 Cerkno, Slovenia, with priority return when getting cards from the printer. Cards with insufficient postage or no return envelope will be returned via the QSL Bureau.

Netherlands, PH. A group of operators will be active as PH4RTM/WHE between 5 and 13 April. Activity is taking place during the World Horticultural Expo, The Floriade [www.floriade.com](http://www.floriade.com) in Venlo. Operations will be on all bands and modes. QSLs will be returned 100% via the Bureau by PH4RTM.

Algeria, 7U50. Members of the Djelfa Radio Club (7X2VFK) will activate 7U50ND to celebrate the 50<sup>th</sup> anniversary of the Algerian independence and the 20<sup>th</sup> anniversary of the Djelfa Radio Club. Activity will take place between 20 and 26 May, during the 4th International Ham Meeting in Djelfa. Details are available on <QRZ.com>.

*Have YOU done anything to promote Amateur Radio this month?*







Sweden, SG. Richard, SM2TOS, and some other operators will be active as SG2SNF from Porjus between 16 and 17 June. Activity will be from the Lancaster bomber "Easy Elsie," which crashed at Porjus in Sweden on 29 October 1944. For more details, pictures and QSL info see QRZ.com.

### Contest Calendar

*This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 19 to 26 March 2012.*

#### BARTG HF RTTY Contest

02:00 UTC 17 March to 02:00 UTC 19 March

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op Expert All Band; Single Op All Band; Single Op All Band 6 Hours; Single Op Single Band; Multi-Single; Multi-Multi; SWL

Max operating hours: Single Op: 30 hours with at least 3 hour rest period; Single Op 6 Hours: 6 hours; Multi-Op: 48 hours

Exchange: RST, serial no and 4-digit time (UTC)

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: DXCC countries once per band; JA, W, VE and VK areas once per band; Continents once regardless of band

Score Calculation: Total score = total QSO points x total country/area mults x continents

Submit logs by: 1 May 2012

E-mail logs to: [logs@bartg.org.uk](mailto:logs@bartg.org.uk)

Mail logs to: (none)

Find rules at:

<http://www.bartg.org.uk/documents/contests/hf/rules/bartg-hf-rtty-contest-rules-2012.pdf>

#### Run for the Bacon QRP Contest

01:00 - 03:00 UTC 19 March

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province or country once; Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 25 March 2012

E-mail logs to: (none)

Upload log at: <http://fpqrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://fpqrp.org/pigrun/>

#### Bucharest Contest

18:00 - 20:59 UTC 19 March

Have **YOU** done anything to promote *Amateur Radio* this month?





Mode: CW, SSB, PSK31

Bands: 80, 40 m

Classes: Single Op QRP - CW, SSB, Digital or Mixed; Single Low Power (LPI) - CW, SSB, Digital or Mixed; Multi-Op Low Power (LPC) - CW, SSB, Digital or Mixed; SWL

Max power: LP: 100 watts; QRP: 5 watts

Exchange: YO: RS(T), QSO no and Sector or County; non-YO: RS(T), QSO no and Country Code

Work stations: Once per mode

QSO Points: 2 points per QSO: YO3 - YO3 or YO - YO or YO - Foreign; 4 points per QSO: YO3 - YO or YO - YO3 or YO3 - Foreign

Multipliers: Each YO county; Each YO3 sector; Each country code

Score Calculation: Total score = total score of each segment (total QSO points x total mults)

Submit logs by: 23:59 UTC 29 March 2012

E-mail logs to: [fenyo3jw@yahoo.com](mailto:fenyo3jw@yahoo.com)

Mail logs to: (none)

Find rules at: <http://bucuresti.ynos.ro/cb/index.php/en/>

#### CLARA HF Contest

17:00 UTC 20 March to 17:00 UTC 21 March and 17:00 UTC 24 March to 17:00 UTC 25 March

Mode: CW, Phone

Bands: 80, 40, 20, 15, 10, 2 m

Classes: Single Op - Low or High

Max operating hours: 24

Max power: HP: >200 W; LP: 200 W

Exchange: Name, QTH and CLARA member, family member or non-member and YL or OM

Work stations: Once per band per mode

QSO Points: 10 points per QSO with CLARA member; 5 points per QSO with CLARA family member; 4 points per QSO with non-member YL; 1 point per QSO with OM

Bonus Points: (see rules)

Multipliers: Each VE province/territory once per band per mode; Each DXCC country (must be YL QSO) once per band per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 April 2012

E-mail logs to: [ve9glf@nbnet.nb.ca](mailto:ve9glf@nbnet.nb.ca)

Mail logs to: Linda Friars, VE9GLF, 35 Upper Quaco Road, Baxter Corner, NB E2S 2S2, Canada

Find rules at:

[http://www.claranet.ca/index.php?option=com\\_content&view=article&id=71&Itemid=67](http://www.claranet.ca/index.php?option=com_content&view=article&id=71&Itemid=67)

#### QRP Fox Hunt

01:00 - 02:30 UTC 21 March

Mode: CW

Bands: 80 m Only

Classes: Single Op - Fox or Hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 02:30 UTC 22 March 2012

E-mail logs to: (see rules)

Have **YOU** done anything to promote *Amateur Radio* this month?





Mail logs to: (none)

Find rules at: [http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

NAQCC Straight Key/Bug Sprint

00:30 - 02:30 UTC 22 March

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, state, province or country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province or country once

Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 25 March 2012

E-mail logs to: [naqcc33@windstream.net](mailto:naqcc33@windstream.net)

Upload log at: <http://naqcc.n4lcd.com/sprintlog.html>

Mail logs to: John Shannon, K3WWP, 478 E. High St., Kittanning, PA 16201, USA

Find rules at: <http://naqcc.info/sprint201203.html>

RSGB 80 m Club Championship, SSB

20:00 - 21:30 UTC 22 March

Mode: SSB

Bands: 80 m Only

Classes: (none)

Exchange: RS and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 29 March 2012

Upload log at: <http://www.vhfcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsgbcc.org/hf/rules/2012/r80mcc.shtml>

QRP Fox Hunt

01:00 - 02:30 UTC 23 March

Mode: CW

Bands: 40 m Only

Classes: Single Op - Fox or Hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 02:30 UTC 24 March 2012

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: [http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

Have **YOU** done anything to promote *Amateur Radio* this month?







#### NCCC RTTY Sprint

01:30 - 02:00 UTC 23 March

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 25 March 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

#### NCCC Sprint

02:30 - 03:00 UTC 23 March

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 25 March 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

#### CQ WW WPX SSB Contest

00:00 UTC 24 March to 23:59 UTC 25 March

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band - QRP, low or high - Tribander or Rookie; Single Op Single Band - QRP, low or high - Tribander or Rookie; Single Op Assisted All Band - low or high - Tribander or Rookie; Single Op Assisted Single Band - low or high - Tribander or Rookie; Multi-Single; Multi-Two; Multi-Multi

Max operating hours: Single Op: 36 hours with off times of at least 60 minutes; Multi-Op: 48 hours

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: RS and serial no

Work stations: Once per band

QSO Points: 6 points per 160, 80 and 40 m QSO with different continent; 3 points per 20, 15 and 10 m QSO with different continent; 2 points per 160, 80 and 40 m QSO with same continent different country; 1 point per 20, 15 and 10 m QSO with same continent different country; 4 points per 160, 80 and 40 m QSO between stations in NA; 2 points per 20, 15 and 10 m QSO between stations in NA; 1 point per QSO with same country (except in NA)

Multipliers: Prefixes once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 18 April 2012

E-mail logs to: [ssb@cqwpw.com](mailto:ssb@cqwpw.com)

Have **YOU** done anything to promote *Amateur Radio* this month?





Mail logs to: SSB WPX Contest, 11 Hollis Street, Uxbridge, MA 01569, USA

Find rules at: <http://www.cqwpw.com/rules.htm>

#### NSARA CW Contest

11:00 - 15:00 UTC and 17:00 - 21:00 UTC 25 March

Mode: CW

Bands: 80 m Only

Classes: Single Transmitter

Exchange: Nova Scotia: RS(T) and county; non-NS: RS(T)

Work stations: Once per mode

QSO Points: 1 point per QSO

Multipliers: Nova Scotia counties once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 25 April 2012

E-mail logs to: [ve1pjs@rac.ca](mailto:ve1pjs@rac.ca)

Mail logs to: Peter J. Surette, VE1PJS, 55 Edgewood Drive, Truro, Nova Scotia B2N 1P1, Canada

Find rules at: <http://nsara.ve1cfy.net/nsaracst.htm>

#### QRP Homebrewer Sprint

00:00 - 04:00 UTC 26 March

Mode: CW, PSK31

Bands: 80, 40, 20, 15, 10 m

Classes: (none)

Exchange: RST, state, province or country and power out

Work stations: Once per band per mode

QSO Points: 2 points per QSO with commercial equipment; 3 points per QSO with homebrew xmtr OR rcvr; 4 points per QSO with homebrew xmtr AND rcvr

Multipliers: Power: >5 W: x 1, 1 - 5 W: x 7, 250 mW - 1 W: x 10, <250 mW: x 15

States, provinces, countries once per band per mode

Score Calculation: Total score = total QSO points x power mult \* total SPC mults

Submit logs by: 24 April 2012

E-mail logs to: [w2lj@verizon.net](mailto:w2lj@verizon.net)

Mail logs to: Larry Makoski, W2LJ, 327 Clinton Place, South Plainfield, NJ 07080, USA

Find rules at: <http://www.njqrp.org/data/qrp-homebrewers-sprint.html>

### Next Week's Contests

SKCC Sprint, 00:00 - 02:00 UTC 28 March

SARL 80 m Club Contest, SSB, 17:30 - 18:30 UTC

CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 28 March; 03:00 - 04:00 UTC 29 March

QRP Fox Hunt, 01:00 - 02:30 UTC 30 March

NCCC RTTY Sprint, 01:30 - 02:00 UTC 30 March

Missouri QSO Party, 18:00 UTC 31 March to 05:00 UTC 1 April and 18:00 - 23:59 UTC 1 April

UBA Spring Contest, SSB 06:00 - 10:00 UTC 1 April

RSGB 80 m Club Championship, CW 19:00 - 20:30 UTC 2 April

ARS Spartan Sprint 01:00 - 03:00 UTC 3 April

Have **YOU** done anything to promote *Amateur Radio* this month?





## History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 19 March 2012.

- 1457 - The Gutenberg Bible becomes the first printed book (22 Mar)
- 1474 - The Venetian Patent Law, the first of its kind in the world was enacted (19 Mar)
- 1655 - Christiaan Huygens discovers Titan, Saturn's largest satellite (25 Mar)
- 1684 - Giovanni Domenico Cassini discovered two moons of Saturn: Tethys and Dione (21 Mar)
- 1733 - Joseph Priestly invents carbonated water (22 Mar)
- 1743 - George Fredric Handel's oratorio "Messiah" premieres in London (23 Mar)
- 1800 - Alessandro Volta dated a letter announcing his invention of the voltaic pile to Sir Joseph Banks (20 Mar)
- 1802 Richard Trevithick took out his first patent. It was for the first full sized road locomotive (24 Mar)
- 1840 - Draper takes the first successful photo of the Moon - daguerreotype (23 Mar)
- 1867 - Arturo Toscanini (25 Mar)
- 1874 - Harry Houdini (24 Mar)
- 1883 - Jan Matzellger invents the first machine to manufacture entire shoes (19 Mar)
- 1886 - America's first demonstration of the alternating-current system provided lighting along Main Street at Great Barrington (20 Mar)
- 1895 - The first motion picture shown on a screen was presented by Auguste and Louis Lumière (22 Mar)
- 1900 - Nikola Tesla received a patent for the wireless transmission of electric power (20 Mar)
- 1908 - Louis L'Amour (22 Mar)
- 1912 - Wernher von Braun (23 Mar)
- 1923 - Roger Bannister (23 Mar)
- 1932 - The Sydney Harbour Bridge, Australia, was opened (19 Mar)
- 1934 - Rudolf Kuhnold demonstrates radar in Kiel, Germany (20 Mar)
- 1947 - Sir Elton John (25 Mar)
- 1948 - Sir Andrew Lloyd Webber (22 Mar)
- 1960 - First patent for lasers granted to Arthur Schawlow and Chris Townes (22 Mar)
- 1976 - Reese Witherspoon (22 Mar)
- 2001 - Russian MIR space station is crashed into the Pacific during a controlled re-entry (23 Mar)

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

